Math Quiz

Topic: Polynomials and Equations

1. Expand: $(x + 2)(x - 3)$

2. Factorize: $x^2 + 5x + 6$

3. Solve for x: $2x + 3 = 9$

4. Simplify: $(x^3 - 27) / (x - 3)$

5. Expand: $(x + 5)^2$

6. Solve for x: $x^2 - 16 = 0$

7. Factorize: $x^2 - 9$

8. Solve for x: $3x - 4 = 2x + 5$

9. Simplify: $(3x^2 + 9x) / 3x$

10. Solve for x: $x/2 + 3 = 5$